

Figure 1: Block diagram of the MIMO AR model

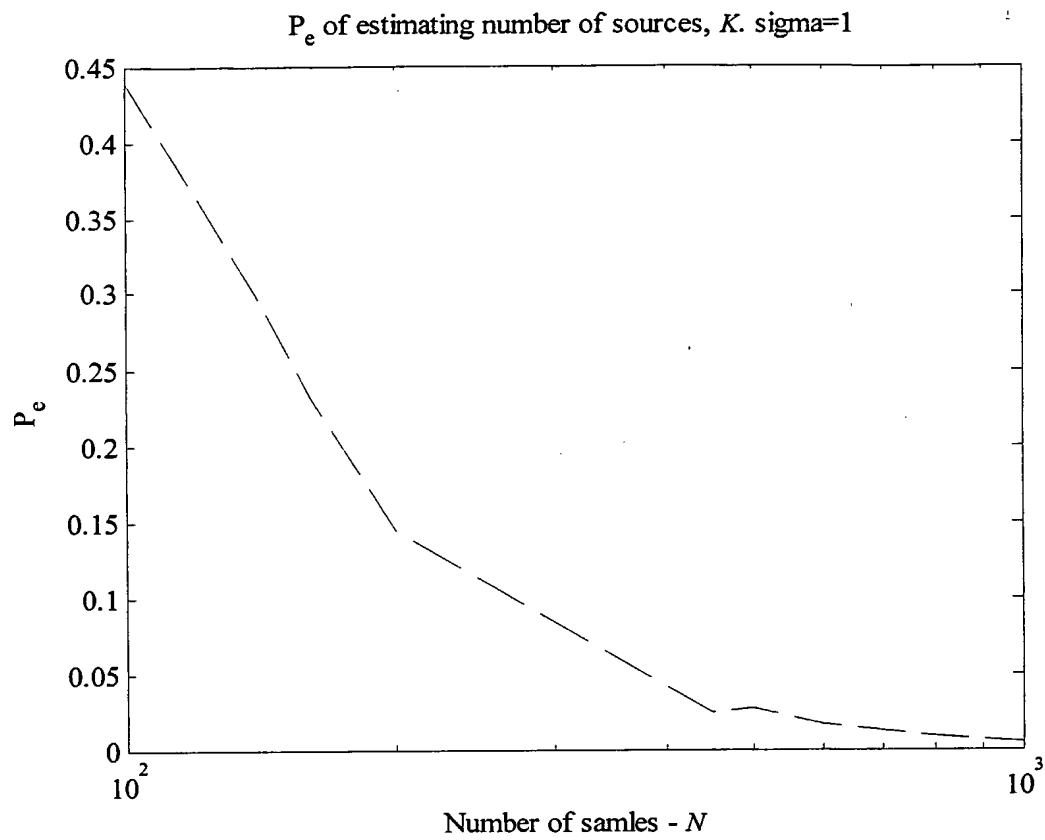


Figure 2: P_e of GLRT, coherent sources

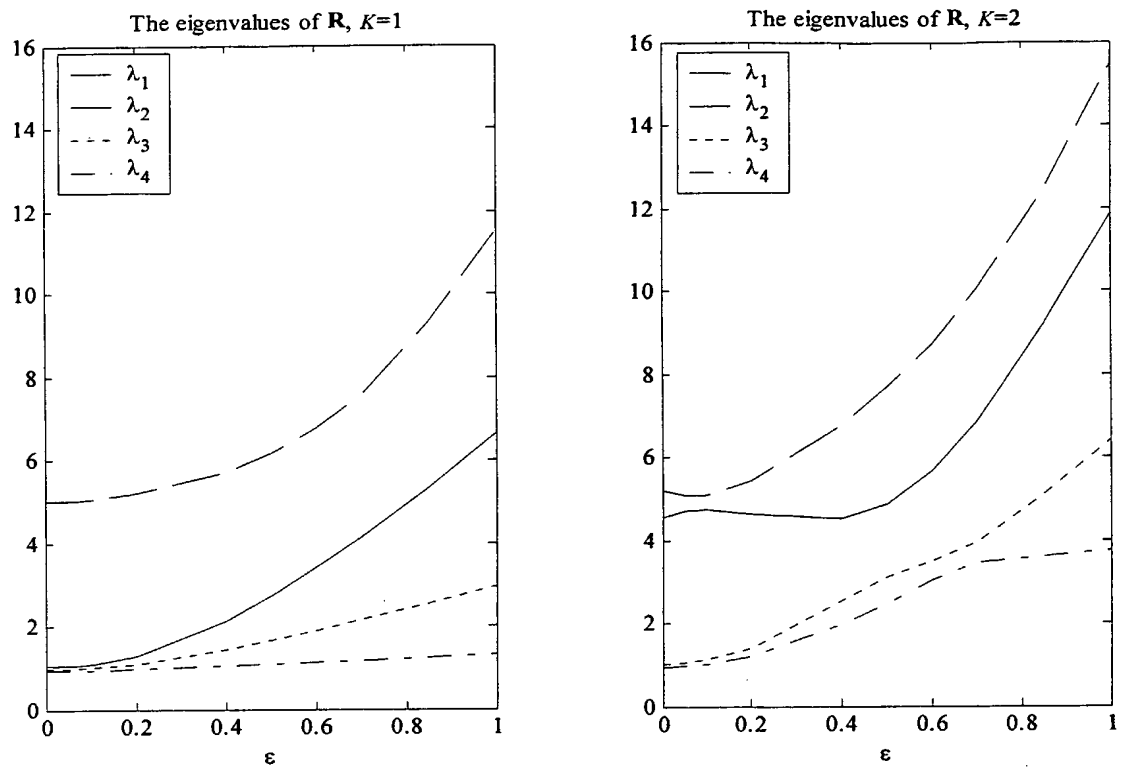


Figure 3: The eigenvalues of \hat{R} versus the scattering level, ε .

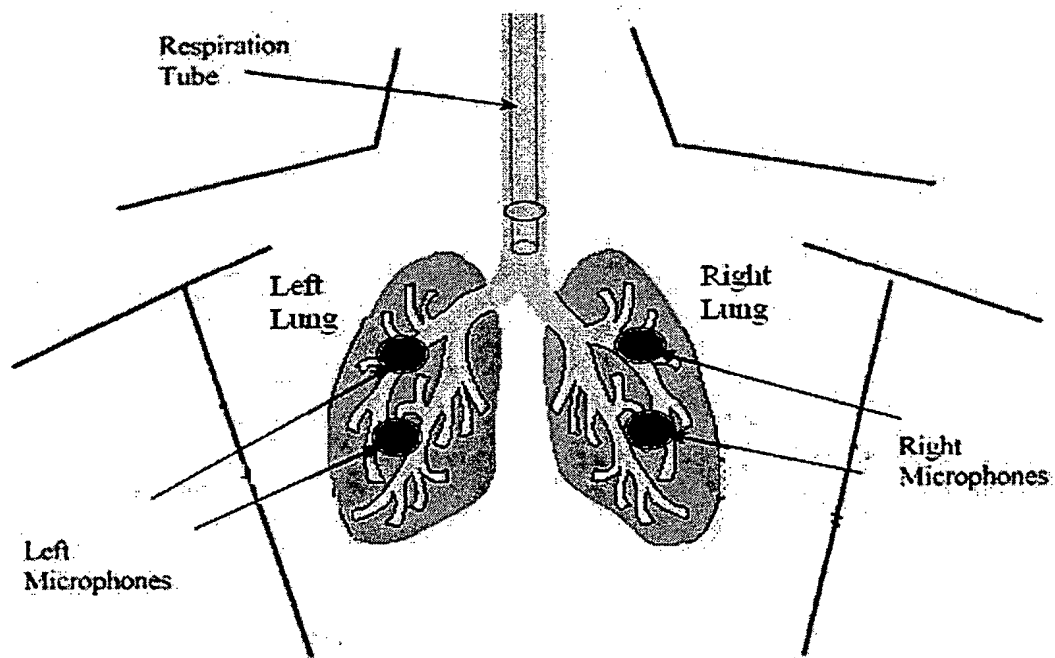


Figure 4: Experimental set-up – view from back (TRI shown)

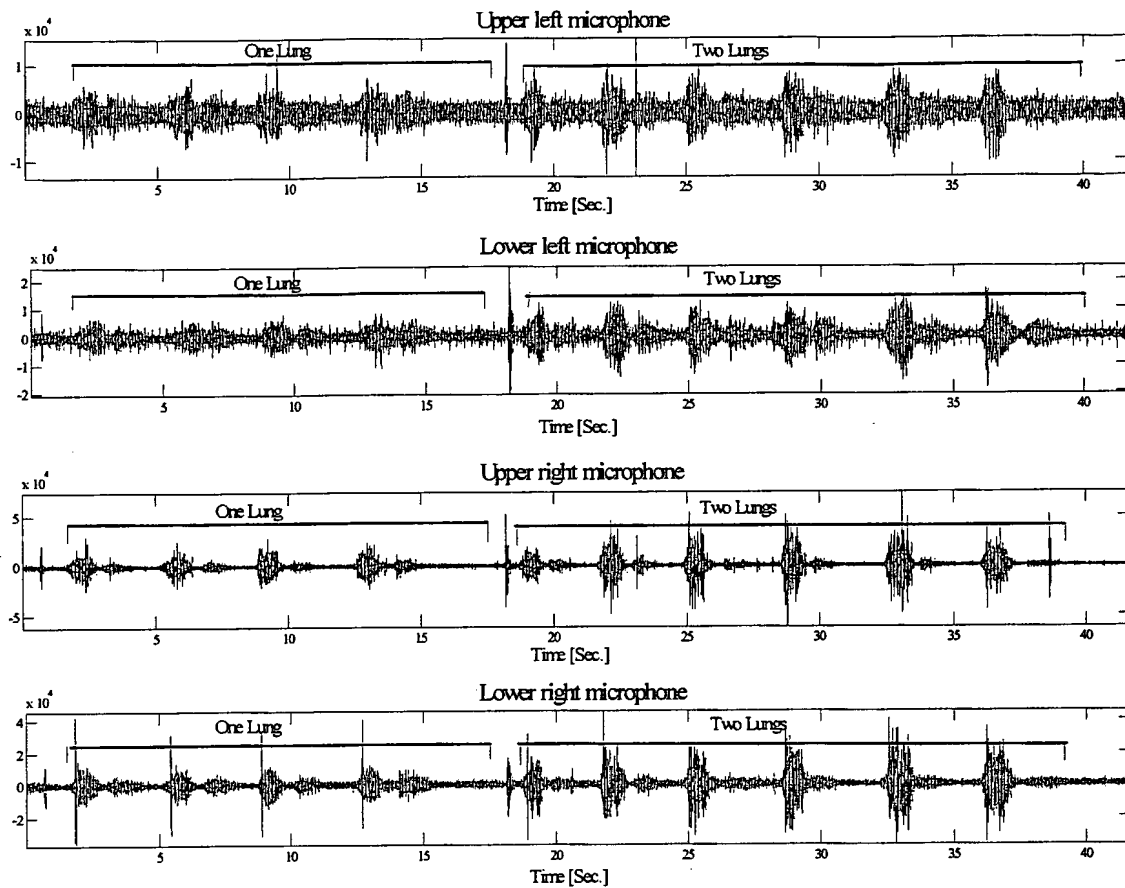


Figure 5: Examples of the recorded signals – four microphones, OLI and TRI cases.

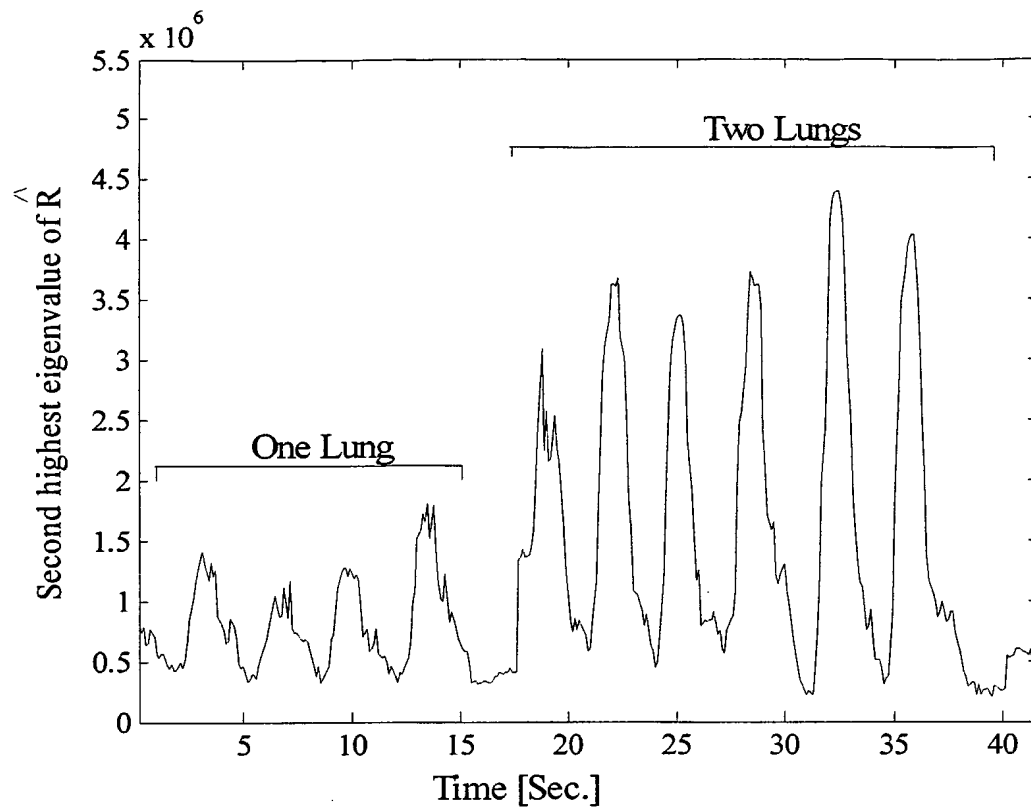


Figure 6: Second highest eigenvalue of \hat{R} as a function of time.

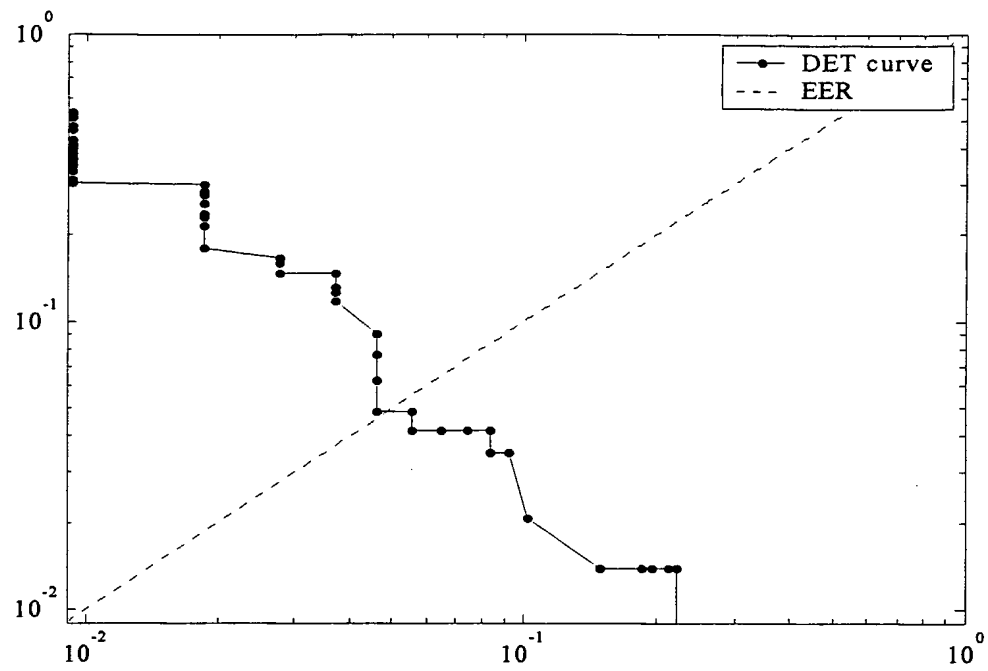


Figure 7: The DET of a detector based on the second highest eigenvalue of the estimated **R**.